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TIHeat- and wear-resistant magnesium alloys for automotive engine

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Claimed Mg alloys contain >0.1 and ≤4 weight% rare earth metals and >0.7 and ≤5 weight% Si. Also claimed are above \mathbf{Mg} alloys containing ≥ 1 of Mn >0 and $\leq 1,$ Zr >0 and ≤ 1 , and Ca > 0 and ≤ 4.0 , and ≥ 1 of Al >0 and ≤ 10 , Zn >0 and ≤ 5 , and Ag >0 and ≤ 5 weight%.

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